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Equivalents:

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**Abstract**

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An interchangeable toothbrush (17) with bristles (18) and a rectangular channel (21). A hole (23) partially communicating with the central portion of the channel comprises a spring-biased (19) ball (20) of which one third projects into the channel, and said hole is sealed with a material (22). The toothbrush handle (27) includes a rectangular pin (25) of which one portion is embedded in the material of the handle (27). The end of the exposed portion of the pin (25) has a 30 DEG bevel (24). The middle of the pin (25) includes a 120 DEG blind hole (26) 2 mm deep. When the interchangeable toothbrush (17) is pressed onto the handle (27), the toothbrush is ready for use.

## Description

Box made up of four toothbrushes and one pognée which adapts there with site for the tube of toothpaste. has presents invention relates to the use of brushes - dents. Le principle used currently is a brush and its handle which are interdependent.

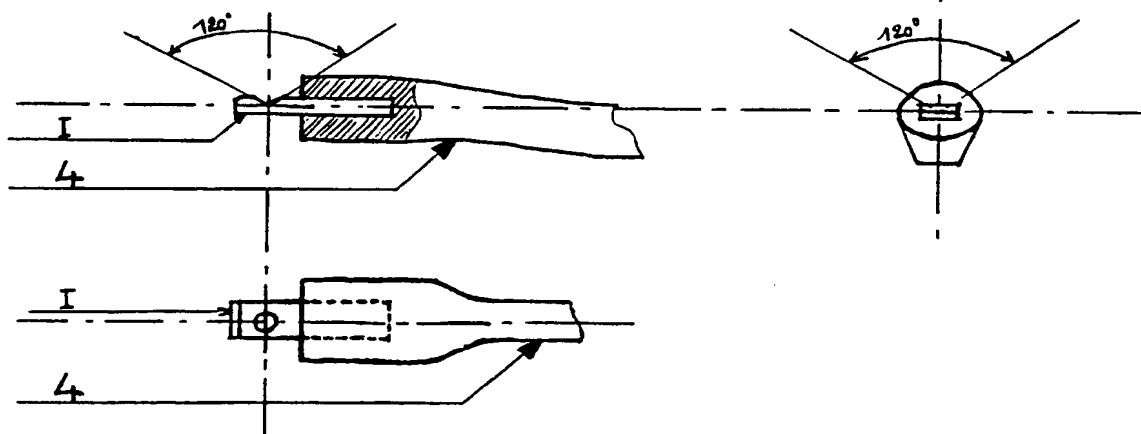
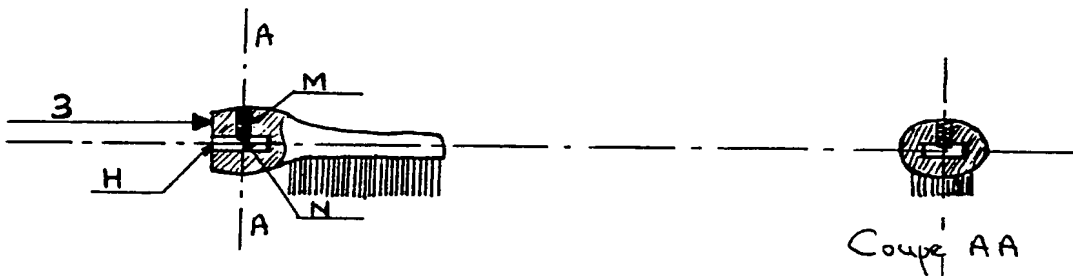
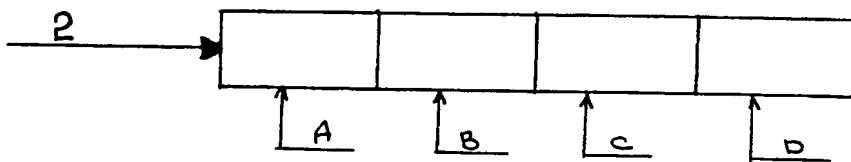
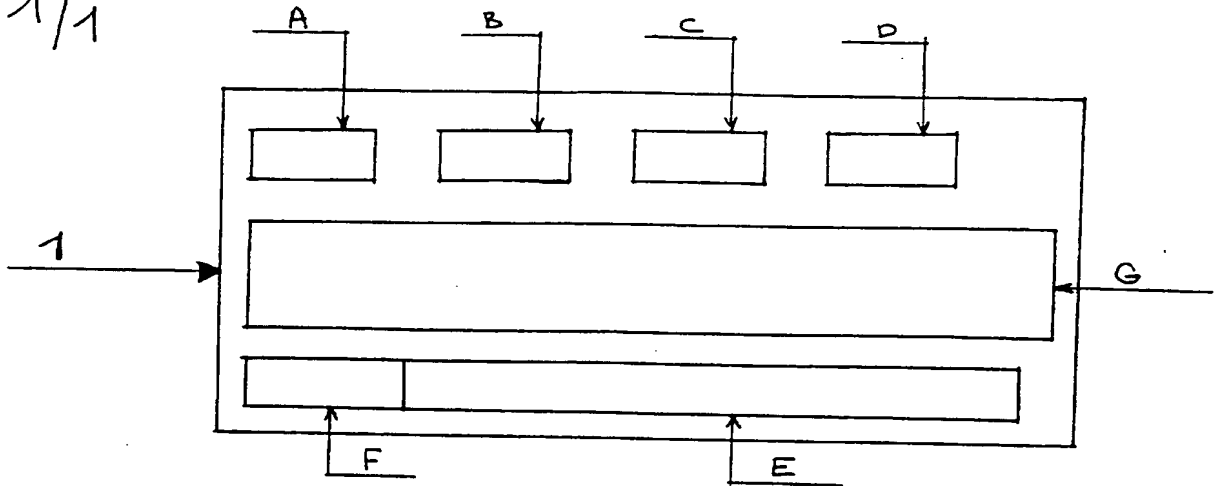
@INVENTION, is that celle@ci is separated from its handle, i.e. a brush with reversible teeth compared to its poignée. por to facilitate the good hygiene of this brush to dents. Elle is put in a box out of plastic (1) translucent or very others couleurs. Qui could be all other materials, wood, metal, etc... This box contains: Four toothbrushes envelbppées for reason of hygiène. Un site is planned for that in the coffret. Une for February, January, Mars (A) a second for April, May, June 8) a third for July, Août. Septembre. Une fourth for October, November, and December (D). This box contains, a site for the handle E). Un site for the removable brush (F), which will be given together in this endroit. Puis, a site to put a tube toothpaste (G). The site of the brush, January, February, will mars. sera vacuum (A) and the site (E) and (F) will be occupy by the brush and has handle. In you box, including/understanding the quatres brushes with dents. la poignée. le tube of toothpaste, it with separately one étui. appelé refill 2). Cette refill contains four toothbrushes there, covering the months of all the year. Maybe, a brush with teeth by trimestre. Cet case, will be out of plastic paper. including/understanding four separable parts, reasons of hygiene. Parmi the removable toothbrushes, there will be several types: Souple, hard, and very dur. Pour children, adult women, adult hommes. @a dimension, the form, the matter, the color, will be different. Also intervenes the handle, brush with teeth amovible. Celle-ci could be different formes. couleurs, matériaux: En plastic, out of wood, metal inoxydable. en plated massive money or argen hollow handle, in plqué gold or solid gold hollow handle. Each box, corresponds for a child, masculine or féminin. Un adult woman or an adult homme. Avec different possibilités from choix. la color, the matter, etc... N what relates to the technical part appears (3). brush with reversible teeth has with its system of cliquetage cross-section, a rectangular hole (H) and in axis AA, another round hole, in which Sty places a ressort (M) et above a plastic bille (N) en dur. Le of the hole blocked by the matter. The resistance of the spring corresponds à: Faible for a child, means for woman, and hard for man. In the Aa cut, one sees the hole retangulaire very well, with his spring and his ball out of hard plastic. What relates to the handle, appears (t4) one sees en. coupe the handle, then the rectangular stainless metal axis (tl), drowned partly in the handle. Part of this rectangular axis (' I), is outside the handle, on that-ci a housing milled with 120, which will be useful after fitment, to receive the hard plastic ball and thus to maintain the unit, brushes and handle without oscillation of the brush. A system of click-and-ratchet work, so effective, honéreux could be utilisé. Sur the lid or inside the box will be inscit with the top of each removable brush, the trimestre: Exemple, January, February, Mars. And also on the lid or inside the box, the année: Ex. 1995

## **Claims**

CLAIMS. This removable toothbrush box, made up of four brushes and a handle, is very useful for the house, as on a journey. It offers a perfect hygiene of the role to have the brushes under packing and of the same the unit which composes it. Namely the quatres toothbrushes, which makes it possible to carry out the change, without knowing since when one bought his toothbrush. The handle which is there, as well as the tube of toothpaste. For the children, as for the adults, it is a gift easy to offer, and of a great utility. Ca can even become a memory, of a relative, a friend. Perhaps this presentation, will inçitera of advantage, the children like the adults to brush the teeth. One can even register, if one it desire, the first name of the person, or others écritures. Personnaliser his box...

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